

REMARKS

Claims 1-8 have been rejected under 35 U.S.C. § 102(b) are being anticipated by Tagami et al '433. This rejection is respectfully traversed with respect to these claims as amended herein.

Specifically, independent claims 1 and 8 and the claims which depend therefrom variously recite "obtaining the vertical component of an actual ground reaction force acting on the leg based on which leg or legs are in contact with the ground, the attitude of the leg and the vertical component of acceleration of the center of gravity of the whole body including the leg; obtaining an actual point of application of the ground reaction force based on which leg or legs are in contact with the ground, the attitude of the leg and the vertical component of acceleration of the center of gravity of the whole body including the leg."

In addition, the dependent claims are further limited by various recitations of the steps for ascertaining legs in ground contact, centers of gravity, ground reaction force, on torques around joints.

These aspects of the claimed invention facilitate calculating an actual ground reaction force and an actual point of application of the ground reaction force, without using force or torque sensors.

In contrast, Tagami et al '433 is understood to rely upon 6-dimensional force and torque sensors, and therefore offers no disclosure or even any incentive for

determining, as an example, a vertical component of a ground reaction force acting on a leg, including the attitude of the leg and the vertical component of acceleration of the center of gravity of the whole body including the leg, in the manner as now claimed by Applicants. It is therefore respectfully submitted that amended claims 1-8 are not anticipated by, but instead are now patentably distinguishable over Tagami et al '433.

The Examiner is requested to contact the undersigned attorney for the Applicants to resolve any matters that may expedite favorable disposition of this application.

Respectfully submitted,
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